

Format for ANSWERING REVIEWERS



December 27, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 14688-review.doc).

Title: Obstructive sleep apnea syndrome and cardiovascular disease: The influence of C-reactive protein

Author: Izolde Bouloukaki, Charalampos Mermigkis, Eleftherios M Kallergis, Violeta Moniaki, Eleni Mauroudi,

Sophia E Schiza

Name of Journal: *World Journal of Experimental Medicine*

ESPS Manuscript NO: 14688

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

In this review the authors described the published data literature on the potential relation between OSAS and CPR. The conclusion is that currently there is no clear evidence of the association between OSAS and CPR in patients with cardiac disease and there is no clear evidence whether CPR and OSAS have incremental role in the CV risk stratification.

The authors discussed in a general way this issue. It should be interesting to know whether there is an association between OSAS and CPR considering each cardiac disease. For example in patients with HF the incidence of OSAS is high with a relevant prognostic weight and also inflammatory activation is also relevant clinically and prognostically.

Thank you for your comment. We added the following section in the revised manuscript “IS CRP PART OF THE LINK BETWEEN CVD AND OSAS?” in order to discuss most clinically relevant updates on the relationship between OSAS and CRP considering each cardiac disease as suggested.

Further why did the authors limit the discussion on the OSAS and PCR relation? It could be interesting to look at the relation between OSAS and other inflammatory markers.

We added a table which summarizes the relationship of OSAS with other inflammatory markers as well.

It could be more readable to include a table to summarise the studies assessing the relation among OSAS and PCR and other inflammatory markers in which the main characteristics are reported, as well as the kind of patients enrolled.

The table was added as suggested.

In the introduction the authors should specify the aim of this review, and in the conclusion the point of view of the

authors at the light of the present data and future prospective.

The aim of this review was added as suggested.

The review could be shared as follows:

- 1) Introduction can be shortened and in this brief paragraph the aim and rationale of the review should be highlighted. In this paragraph the authors should outline the potential relation between OSAS and inflammatory activation and, in particular the relation between OSAS and CRP
- 2) In the 2nd paragraph the authors should discuss more deeply about the relation between OSAS and inflammatory activation
- 3) The 3rd paragraph should include relation between OSAS and CRP. The authors should report the major part fo the sentences currently included in the INTRODUCTION paragraph
- 4) The 4th paragraph should include all the confounding factors currently reported as single paragraphs.
- 5) A 5th paragraph should include the potential clinical and prognostic relevance of this association and the potential therapeutic approaches.

The sentence "Since patients with OSAS in patients with OSAS" can e deleted.

Also the sentence "Moreover, it is widely in carotid atherosclerosis" can be deleted. It has no relevance in this review context

All the above recommended changes were made in the revised manuscript.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Experimental medicine*

Sincerely yours,

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